### SEQUENCE LISTING

### SEO ID NO:1

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Mouse TGR18 DNA: (start and stop codons in bold)

GCTCCTGGCAGAGTTTTCTGTCGAGACAGAAGCCGACAGCAGAATGGCACAGAATTTATCTTGTGAGAATTGGTTGGCAACAGAGGCTATCTTGAATAAGTACTACCTCTCTGCATTTTA TGCAATCGAGTTCATTTTTGGACTGCTTGGGAATGTCACTGTGGTGTTCGGCTACCTCTT CTGCATGAAGAACTGGAACAGCAGCAATGTCTATCTTTTTAACCTTTCCATCTCTGACTT TGCTTTCCTGTGCACCCTTCCCATCCTGATAAAGAGTTATGCCAATGATAAGGGGACCTA TGGAGATGTTCTCTGTATAAGCAACCGATATGTGCTTCACACCAACCTCTACACCAGCAT CCTCTTCCTCACTTTCATTAGCATGGACCGATATCTGCTCATGAAGTACCCTTTCCGAGA GACCTTAGAAGTTCTACCCATGCTCACTTTCATCAATTCTGTCCCAAAAGAAGAGGGCAG TAACTGCATCGACTATGCAAGTTCTGGAAACCCTGAACACAATCTCATTTACAGCCTCTG CCTGACTTTGTTGGGCTTCCTAATTCCTCTCTCTGTGATGTGCTTCTTCTACTACAAGAT GGTAGTCTTCTTAAAGAGGAGGAGCCAGCAGCAAGCAACTGCCCTGCCACTGGACAAACC CCAACGCCTGGTGGTCCTGGCGGTTGTGATCTTCTCTATACTCTTCACACCCTATCATAT CATGCGCAATTTGAGGATCGCCTCACGCCTGGATAGTTGGCCACAAGGATGTACACAGAA GGCCATCAAATCTATATACACACTGACACGGCCTCTGGCCTTTCTGAACAGTGCCATCAA TCCCATCTTCTACTTCCTCATGGGAGACCATTACAGAGAGATGCTGATTAGTAAGTTCAG 20 ACAATACTTCAAGTCCCTTACATCCTTCAGGACA**TGA**GCTGCTGGATGCAGGTCTTCACT CAGCCAAAATGAGACACTTGATAAACAGTGCTGTGCAGTTGAGTTTAACTAAGTAAACC ACCATTTCTAGGCTTTAGCTTTCCACCATCCTCCAACCCCCAGGGCTGGAGTACAAGCTG GGTCCACATGAATCAGAAGGCAGCTCTCTGTTCTGATTTTAGGTTATACCCAGAGTATGG AAAAAATAAGGCATGAGAAAGCATTGACATCTTCACTTAAGAACTGAACAAAAGAGAAACA 25 AATATTGTCAATGTTTGGACACTTAGGATCTGAAATCTTGGAAATTTTAAGACCTCTTTT TCTATCAGTGTAAAAGGAATACAAGATAGCTAGTTGCAAATGCTGAATGCATTTCATCAT TGGTCAGGTCGATAAGCGTGTTTCTGAAATAGTCTTATTTTTATTCTTGTAATATTAAAA TTTATGTGAAAAATGAATATAATTCAATGTACAACATTAGATTTTCTATTTGAAAATTAT ATTTCTTGAAAAAATAACTGCTGTGCCTAAATAAATCAATATA 30

### SEO ID NO:2

Mouse TGR18 protein

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2.5

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MAQNLSCENWLATEAILNKYYLSAFYAIEFIFGLLGNVTVVFGYLFCMKNWNSSNVYLFN
LSISDFAFLCTLPILIKSYANDKGTYGDVLCISNRYVLHTNLYTSILFLTFISMDRYLLM
KYPFREHFLQKKEFAILISLAVWALVTLEVLPMLTFINSVPKEEGSNCIDYASSGNPEHN
LIYSLCLTLLGFLIPLSVMCFFYYKMVVFLKRRSQQQATALPLDKPQRLVVLAVVIFSIL
FTPYHIMRNLRIASRLDSWPQGCTQKAIKSIYTLTRPLAFLNSAINPIFYFLMGDHYREM
LISKFROYFKSLTSFRT

### 10 **SEO ID NO:3**

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Human TGR 21 DNA

ATGGAGGATCTCTTTAGCCCCTCAATTCTGCCGCCGGCGCCCAACATTTCCGTGCCCATC TTGCTGGGCTGGGGTCTCAACCTGACCTTGGGGCAAGGAGCCCCTGCCTCTGGGCCGCCC AGCCGCCGCGTCCGCCTGGTGTTCCTGGGGGTCATCCTGGTGGTGGCGGTGGCAGCCAAC ACCACAGTGCTGTGCCGCCTGTGCGGCGGCGGCGCCCTGGGCCGCGCCCCAAGCGTCGC AAGATGGACTTCCTGCTGGTGCAGCTGGCCCTGGCGGACCTGTACGCGTGCGGGGGCACG GCGCGTGCCCTCGCCGCCCTGGGCTGGCTGCTGGCACTGCTGCTGGCGCTGCCCCCGGCC TTCGTGGTGCGCGGGGACTCCCCCTCGCCGCTGCCGCCGCCGCCGCCGCCAACGTCCCTG CAGCCAGGCGCCCCCGGCCCCCGCGCCTGGCCGGGGGAGCGTCGCTGCCACGGGATC TTCGCGCCCCTGCCGCGCTGGCACCTGCAGGTCTACGCGTTCTACGAGGCCGTCGCGGGC TTCGTCGCGCCTGTTACGGTCCTGGGCGTCGCTTGCGGCCACCTACTCTCCGTCTGGTGG CGGCACCGGCCGCAGGCCCCGCGGCTGCAGCCCCTGGTCGGCGAGCCCAGGTCGAGCC CCTGCGCCCAGCGCGCTGCCCCGCGCCAAGGTGCAGAGCCTGAAGATGAGCCTGCTG GCGCTGCTGTTCGTGGGCTGCGAGCTGCCCTACTTTGCCGCCCGGCTGGCGGCCGCGTGG CGGCTCCGGCGACAGCTGCGGAAGCGGCTGGGCTCTCTGTGCTGCGCGCCGCAGGGAGGC GCGGAGGACGAGGGGCCCCGGGGCCACCAGGCGCTCTACCGCCAACGCTGGCCCCAC CCTCATTATCACCATGCTCGGCGGGAACCGCTGGACGAGGGCGGCTTGCGCCCACCCCCT CCGCGCCCCAGACCCCTGCCTTGCTCCTGCGAAAGTGCCTTCTAG

# **SEQ ID NO:4**

Human TGR21 Protein:

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MEDLFSPSILPPAPNISVPILLGWGLNLTLGQGAPASGPPSRRVRLVFLGVILVVAVAGN
TTVLCRLCGGGGPWAGPKRRKMDFLLVQLALADLYACGGTALSQLAWELLGEPRAATGDL
ACRFLQLLQASGRGASAHLVVLIALERRRAVRLPHGRPLPARALAALGWLLALLLALPPA
FVVRGDSPSPLPPPPPPTSLQPGAPPAARAWPGERRCHGIFAPLPRWHLQVYAFYEAVAG
FVAPVTVLGVACGHLLSVWWRHRPQAPAAAAPWSASPGRAPAPSALPRAKVQSLKMSLLL
ALLFVGCELPYFAARLAAAWSSGPAGDWEGEGLSAALRVVAMANSALNPFVYLFFQAGDC
RLRRQLRKRLGSLCCAPQGGAEDEEGPRGHQALYRQRWPHPHYHHARREPLDEGGLRPPP
PRPRPLPCSCESAF

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#### SEO ID NO:5

Human TGR62 DNA (start and stop codons in bold)

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GTTGAACTGCTTAGAGCCAGGAGATTAGCCAAGTCACTGGCCATTCTCTTAGGGGTTTTT

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GCTGTTTGCTGGGCTCCATATTCTCTGTTCACAATTGTCCTTTCATTTTATTCCTCAGCA
ACAGGTCCTAAATCAGTTTGGTATAGAATTGCATTTTTGGCTTCAGTGGTTCAATTCCTTT
GTCAATCCTCTTTTGTATCCATTGTGTCACAAGCGCTTTCAAAAGGCTTTCTTGAAAATA
TTTTGTATAAAAAAAGCAACCTCTACCATCACAACACAGTCGGTCAGTATCTTCTTAAAGA
CAATTTTCTCACCTCTGTAAATTTTAGTCTCAATCTCACCTAAATGAATCAGGTCTGCCC
TTTATC

# **SEQ ID NO:6**

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10 Human TGR62 protein

MPDTNSTINLSLSTRVTLAFFMSLVAFAIMLGNALVILAFVVDKNLRHRSSYFFLNLAIS
DFFVGVISIPLYIPHTLFEWDFGKEICVFWLTTDYLLCTASVYNIVLISYDRYLSVSNAV
SYRTQHTGVLKIVTLMVAVWVLAFLVNGPMILVSESWKDEGSECEPGFFSEWYILAITSF
LEFVIPVILVAYFNMNIYWSLWKRDHLSRCQSHPGLTAVSSNICGHSFRGRLSSRRSLSA
STEVPASFHSERQRRKSSLMFSSRTKMNSNTIASKMGSFSQSDSVALHQREHVELLRARR
LAKSLAILLGVFAVCWAPYSLFTIVLSFYSSATGPKSVWYRIAFWLQWFNSFVNPLLYPL
CHKRFQKAFLKIFCIKKOPLPSOHSRSVSS

SEQ ID NO:7

Human TGR130.1 DNA (start and stop codons in bold):

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SEQ ID NO:8

TGR130.1 Protein

MPTLNTSASPPTFFWANASGGSVLSADDAPMPVKFLALRLMVALAYGLVGAIGLLGNLAV
LWVLSNCARRAPGPPSDTFVFNLALADLGLALTLPFWAAESALDFHWPFGGALCKMVLTA
TVLNVYASIFLITALSVARYWVVAMAAGPGTHLSLFWARIATLAVWAAAALVTVPTAVFG
VEGEVCGVRLCLLRFPSRYWLGAYQLQRVVLAFMVPLGVITTSYLLLLAFLQRRQRRRQD
SRVVARSVRILVASFFLCWFPNHVVTLWGVLVKFDLVPWNSTFYTIQTYVFPVTTCLAHS
NSCLNPVLYCLLRREPRQALAGTFRDLRSRLWPQGGGWVQQVALKQVGRRWVASNPRESR
PSTLLTNLDRGTPG

#### SEQ ID NO:9

30 TGR 130.2 DNA (start and stop codons in bold)

GCCTCCTTCCTAGAGCCTTCAGTGGCCTCTGCCAGTCTGGCAGACACTTGCAGACCTCTC
TTCTCAGCACCACCAATCTCTGATGCCCTGCGATGCCCACACTCAATACTTCTGCCTCTC
CACCCACATTCTTCTGGGCCAATGCCTCCGGAGGCAGTGTGCTGAGTGCTGATGATGCTC

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CGATGCCTGTCAAATTCCTAGCCCTGAGGCTCATGGTTGCCCTGGCCTATGGGCTTGTGG GGGCCATTGGCTGGGAAATTTGGCGGTGCTGTGGGTACTGAGTAACTGTGCCCGGA GAGCCCCTGGCCCACCTTCAGACACCTTCGTCTTCAACCTGGCTCTGGCGGACCTGGGAC TGGCACTCACTCTCCCCTTTTGGGCAGCCGAGTCGGCACTGGACTTTCACTGGCCCTTCG GAGGTGCCCTCTGCAAGATGGTTCTGACGGCCACTGTCCTCAACGTCTATGCCAGCATCT  ${\tt TCCTCATCACAGCGCTGAGCGTTGCTCGCTACTGGGTGGCCATGGCTGCGGGGCCAG}$ GCACCCACCTCTCACTCTTCTGGGCCCGAATAGCCACCCTGGCAGTGTGGGCGGCGGCTG  $\tt TTTGCCTGCTGCGTTTCCCCAGCAGGTACTGGCTGGGGGGCCTACCAGCTGCAGAGGGTGG$ TCCTGCAGCGGCGGCAACGGCGGCGGCAGGACAGCAGGGTCGTGGCCCGCTCTGTCCGCA TCCTGGTGGCTTCCTTCTTCCTCTGCTGGTTTCCCAACCATGTGGTCACTCTCTGGGGTG TCCTGGTGAAGTTTGACCTGGTGCCCTGGAACAGTACTTTCTATACTATCCAGACGTATG TCTTCCCTGTCACTACTTGCTTGGCACACAGCAATAGCTGCCTCAACCCTGTGCTGTACT  $\tt GTCTCCTGAGGCGGGAGCCCCGGCAGGCTCTGGCAGGCACCTTCAGGGATCTGCGGTTGA$ GGTGGGTCGCAAGCAACCCCCGGGAGAGCCGCCCTTCTACCCTGCTCACCAACCTGGACA  $\tt GAGGGACACCCGGG{\bf TGA} AGGGCGCAAGCTGAACACTCCTCTTTCTGAGATCCACCAAG$ TGTAGGATCCTTGAGTCCTGGGGAGAAGCTGCCCTCTCTGCCAGGCTGCAGTGCCCTCAG GGAAAAGTCTGATCTTTGATCCCCAACTCTGGGTGTGAATGGGGGAGGCGGGGGCTC AGATCAGAGCTGGATGTGACAAAGCTTAAGTCTTTATTTGGAGATGGGAAAGAAGAGGGAT CTGAGAATAAACCTCTGGATTATCC

#### 25 **SEO ID NO:10**

human TGR130.2 protein

MPTLNTSASPPTFFWANASGGSVLSADDAPMPVKFLALRLMVALAYGLVGAIGLLGNLAV
LWVLSNCARRAPGPPSDTFVFNLALADLGLALTLPFWAAESALDFHWPFGGALCKMVLTA
TVLNVYASIFLITALSVARYWVVAMAAGPGTHLSLFWARIATLAVWAAAALVTVPTAVFG
VEGEVCGVRLCLLRFPSRYWLGAYQLQRVVLAFMVPLGVITTSYLLLLAFLQRRQRRRQD
SRVVARSVRILVASFFLCWFPNHVVTLWGVLVKFDLVPWNSTFYTIQTYVFPVTTCLAHS
NSCLNPVLYCLLRREPRQALAGTFRDLRLRLWPQGGGWVQQVALKQVGRRWVASNPRESR
PSTLLTNLDRGTPG

# SEO ID NO:11

# Human TGR213 DNA

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ATGGAGTCCTCACCCATCCCCCAGTCATCAGGGAACTCTTCCACTTTGGGGAGGGTCCCT CAAACCCCAGGTCCCTCTACTGCCAGTGGGGTCCCGGAGGTGGGGCTACGGGATGTTGCT GCCGCTGTGATGGCCGTGATCGCCAAGACGCCTGCCCTCCGAAAATTTGTCTTCGTCTTC CACCTCTGCCTGGTGGACCTGCTGGCCTGACCCTCATGCCCCTGGCCATGCTCTCC AGCTCTGCCCTCTTTGACCACGCCCTCTTTGGGGAGGTGGCCTGCCGCCTCTACTTGTTT CTGAGCGTGTGCTTTGTCAGCCTGGCCATCCTCTCGGTGTCAGCCATCAATGTGGAGCGC TACTATTACGTAGTCCACCCCATGCGCTACGAGGTGCGCATGACGCTGGGGCTGGTGGCC TCTGTGCTGGTGGGTGTGGGTGAAGGCCTTGGCCATGGCTTCTGTGCCAGTGTTGGGA AGGGTCTCCTGGGAGGAAGGAGCTCCCAGTGTCCCCCCAGGCTGTTCACTCCAGTGGAGC CACAGTGCCTACTGCCAGCTTTTTGTGGTGGTCTTTTGCTGTCCTTTACTTTCTGTTGCCC CTGCTCCTCATACTTGTGGTCTACTGCAGCATGTTCCGAGTGGCCCGCGTGGCTGCCATG CAGCACGGGCCGCTGCCCACGTGGATGGAGACACCCCGGGCAACGCTCCGAATCTCTCAGC AGCCGCTCCACGATGGTCACCAGCTCGGGGGCCCCCCAGACCACCCCCACACCGGACGTTT GGGGGAGGGAAAGCAGCAGTGGTTCTCCTGGCTGTGGGGGGGACAGTTCCTGCTCTGTTGG TTGCCCTACTTCTCTTTCCACCTCTATGTTGCCCTGAGTGCTCAGCCCATTTCAACTGGG CAGGTGGAGAGTGTGGTCACCTGGATTGGCTACTTTTGCTTCACTTCCAACCCTTTCTTC AAGCCAGCTCCAGAGGAGGAGCTGAGGCTGCCTAGCCGGGAGGGCTCCATTGAGGAGAAC TTCCTGCAGTTCCTTCAGGGGACTGGCTGTCCTTCTGAGTCCTGGGTTTCCCGACCCCTA CCCAGCCCCAAGCAGGAGCCACCTGCTGTTGACTTTCGAATCCCAGGCCAGATAGCTGAG GAGACCTCTGAGTTCCTGGAGCAGCAACTCACCAGCGACATCATCATGTCAGACAGCTAC CTCCGTCCTGCCGCCTCACCCCGGCTGGAGTCATGA

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### SEQ ID NO:12

Human TGR213 protein

MESSPIPQSSGNSSTLGRVPQTPGPSTASGVPEVGLRDVASESVALFFMLLLDLTAVAGN
AAVMAVIAKTPALRKFVFVFHLCLVDLLAALTLMPLAMLSSSALFDHALFGEVACRLYLF
LSVCFVSLAILSVSAINVERYYYVVHPMRYEVRMTLGLVASVLVGVWVKALAMASVPVLG
RVSWEEGAPSVPPGCSLQWSHSAYCQLFVVVFAVLYFLLPLLLILVVYCSMFRVARVAAM
QHGPLPTWMETPRQRSESLSSRSTMVTSSGAPQTTPHRTFGGGKAAVVLLAVGGQFLLCW
LPYFSFHLYVALSAQPISTGQVESVVTWIGYFCFTSNPFFYGCLNRQIRGELSKQFVCFF
KPAPEEELRLPSREGSIEENFLQFLQGTGCPSESWVSRPLPSPKQEPPAVDFRIPGQIAE
ETSEFLEOOLTSDIIMSDSYLRPAASPRLES

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#### SEO ID NO:13

human novel edg receptor (hEDG) DNA:

ATGGAGTCGGGGCTGCTGCGGCCGGCGCGGTGAGCGAGGTCATCGTCCTGCATTACAAC TACACCGGCAAGCTCCGCGGTGCGCGCTACCAGCCGGGTGCCGGCCTGCGCCGACGCC GTGGTGTGCCTGGCGGTGTGCGCCTTCATCGTGCTAGAGAATCTAGCCGTGTTGTTGGTG  $\tt CTCGGACGCCACCCGCGCTTCCACGCTCCCATGTTCCTGCTCCTGGGCAGCCTCACGTTG$ TCGGATCTGCTGGCAGGCGCCGCCTACGCCGCCAACATCCTACTGTCGGGGCCGCTCACG GCGTCCGTGCTGAGCCTCCTGGCCATCGCGCTGGAGCCTCACCATGGCGCGCAGG GCTTGCTCCACTGTCTTGCCGCTCTACGCCAAGGCCTACGTGCTCTTCTGCGTGCTCGCC TTCGTGGGCATCCTGGCCGCTATCTGTGCACTCTACGCGCGCATCTACTGCCAGGTACGC GCCAACGCGCGCGCCTGCCGGCACGGCCCGGGACTGCGGGGACCACCTCGACCCGGGCG  $\tt CGTCGCAAGCCGCTCGCTGGCCTTGCTGCGCACGCTCAGCGTGGTGCTCCTGGCCTTT$ GTGGCATGTTGGGGCCCCCTCTTCCTGCTGCTGTTGCTCGACGTGGCGTGCCCGGCGCGC ACCTGTCCTGTACTCCTGCAGGCCGATCCCTTCCTGGGACTGGCCATGGCCAACTCACTT CTGAACCCCATCATCTACACGCTCACCAACCGCGACCTGCGCCACGCGCTCCTGCGCCTG GTCTGCTGCGGACGCCACTCCTGCGGCAGAGACCCGAGTGGCTCCCAGCAGTCGGCGAGC GCGGCTGAGGCTTCCGGGGGCCTGCCCGCCCCCGGGCCTTGATGGGAGCTTC AGCGGCTCGGAGCGCTCATCGCCCCAGCGCGACGGGCTGGACACCAGCGGCTCCACAGGC AGCCCCGGTGCACCCACAGCCGCCCGGACTCTGGTATCAGAACCGGCTGCAGACTGA

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# **SEQ ID NO:14**

Human novel edg receptor protein:

5 MESGLLRPAPVSEVIVLHYNYTGKLRGARYQPGAGLRADAVVCLAVCAFIVLENLAVLLV
LGRHPRFHAPMFLLLGSLTLSDLLAGAAYAANILLSGPLTLKLSPALWFAREGGVFVALT
ASVLSLLAIALERSLTMARRGPAPVSSRGRTLAMAAAAWGVSLLLGLLPALGWNCLGRLD
ACSTVLPLYAKAYVLFCVLAFVGILAAICALYARIYCQVRANARRLPARPGTAGTTSTRA
RRKPRSLALLRTLSVVLLAFVACWGPLFLLLLLDVACPARTCPVLLQADPFLGLAMANSL
LNPIIYTLTNRDLRHALLRLVCCGRHSCGRDPSGSQQSASAAEASGGLRRCLPPGLDGSF
SGSERSSPQRDGLDTSGSTGSPGAPTAARTLVSEPAAD

# **SEO ID NO:15**

15 TGR92 DNA

TCCTTCTCTCCCTCACCCTCTCTGCTCCCTCTGCCTTTACCACTGTGGGGGGGTCCTCT GGAGGGCCCTGCCACCCCACCTCTTCCTCGCTGGTGTCTGCCTTCCTGGCACCAATCCTG  $\tt GCCCTGGAGTTTGTCCTGGGCCTGGTGGGGGAACAGTTTGGCCCTCTTCATCTTCTGCATC$ CTCCTGATCAGCAACCTGCCCCTCCGCGTGGACTACTACCTCCTCCATGAGACCTGGCGC TTTGGGGCTGCTGCCAAAGTCAACCTCTTCATGCTGTCCACCAACCGCACGGCCAGC GTTGTCTTCCTCACAGCCATCGCACTCAACCGCTACCTGAAGGTGGTGCAGCCCCACCAC ATCCTGCTCCTCAACGGGCACCTGCTCCTGAGCACCTTCTCCGGCCCCTCCTGCCTCAGC TACAGGGTGGGCACGAAGCCCTCGGCCTCGCTCCGCTGGCACCAGGCACTGTACCTGCTG GAGTTCTTCCTGCCACTGGCGCTCATCCTCTTTGCTATTGTGAGCATTGGGCTCACCATC CGGAACCGTGGTCTGGGCGGGCAGGCCAGGCCCGCAGAGGGCCATGCGTGTGCTGGCCATG GTGGTGGCCGTCTACACCATCTGCTTCTTGCCCAGCATCATCTTTGGCATGGCTTCCATG GTGGCTTTCTGGCTGTCCGCCTGCCGATCCCTGGACCTCTGCACACAGCTCTTCCATGGC TCCCTGGCCTTCACCTACCTCAACAGTGTCCTGGACCCCGTGCTCTACTGCTTCTCTAGC CCCAACTTCCTCCACCAGAGCCGGGCCTTGCTGGGCCTCACGCGGGGCCGGCAGGGCCCA GTGAGCGACGAGAGCTCCTACCAACCCTCCAGGCAGTGGCGCTACCGGGAGGCCTCTAGG

### 5 **SEO ID NO:16**

TGR92 protein

MELHNLSSPSPSLSSSVLPPSFSPSPSSAPSAFTTVGGSSGGPCHPTSSSLVSAFLAPIL
ALEFVLGLVGNSLALFIFCIHTRPWTSNTVFLVSLVAADFLLISNLPLRVDYYLLHETWR
FGAAACKVNLFMLSTNRTASVVFLTAIALNRYLKVVQPHHVLSRASVGAAARVAGGLWVG
ILLLNGHLLLSTFSGPSCLSYRVGTKPSASLRWHQALYLLEFFLPLALILFAIVSIGLTI
RNRGLGGQAGPQRAMRVLAMVVAVYTICFLPSIIFGMASMVAFWLSACRSLDLCTQLFHG
SLAFTYLNSVLDPVLYCFSSPNFLHQSRALLGLTRGRQGPVSDESSYQPSRQWRYREASR
KAEAIGKLKVQGEVSLEKEGSSQG

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### **SEO ID NO:17**

Gene specific primer for 5' RACE

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GGTAGAACTTCTAAGGTCACTAAGGCCCAG

### **SEQ ID NO:18**

nested Gene specific primer for 5' RACE

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AAGTTCTCGGACAGGGTACTTCATGAGCAG

# SEO ID NO:19

30 Gene specific primer for 3' RACE

CCATCTCTGACTTTGCTTTCCTGTGCACCC

# SEO ID NO:20

nested Gene specific primer for 3' RACE

GCAACCGATATGTGCTTCACACCAACCTC

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# **SEQ ID NO:21**

Gene specific primer for 5'RACE

10 GAGAGTGACCACATGGTTGGGAAACCAGC

# **SEQ ID NO:22**

nested Gene specific primer for 5' RACE

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GCCAGCACCACCTCTGCAGCTGGTA

# SEQ ID NO:23

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Gene specific primer for 3' RACE

CCTTCAGACACCTTCGTCTTCAACCTGGC

# 25 **SEO ID NO:24**

nested Gene specific primer for 3' RACE

GCAGCCGAGTCGGCACTGGACTTTCAC

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# **SEQ ID NO:25**

primer for amplification of human TGR62

TGACCTTCTTCATCATTTGATGTG

# **SEQ ID NO:26**

primer for amplification of human TGR62

GATAAAGGGCAGACCTGATTCA